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acid molecule encodes an amino acid sequence of SEQ ID NO: 39.

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Please add new claims 42-45 as follows: }

42. (New) The isolated nucleic acid molecule of claim 10, wherein said prokaryotic cell source is a *Synechocystis* sp.

43. (New) An isolated nucleic acid molecule comprising a nucleic acid sequence which is at least 95% identical over its entire length to the nucleic acid sequence of SEQ ID NO: 38.

44. (New) The isolated nucleic acid molecule of Claim 43, wherein said nucleic acid molecule encodes a polypeptide comprising the amino acid sequence of SEQ ID NO: 39.

45. (New) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence which is at least 90% identical over its entire length to the amino acid sequence of SEQ ID NO: 39.

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#### Remarks

Entry of the foregoing, reexamination, and further and favorable reconsideration of the subject application in light of the following remarks and pursuant to 37 C.F.R. §1.112, are respectfully requested. Claims 1-41 were previously pending in this application. Claims 2-9 and 13-41 have been withdrawn from consideration. Claims 1 and 10-12 have been amended. Claims 42-45 have been added. Claims 1, 10-12 and 42-45 are therefore currently under consideration.